Hydstra Procedures
Required Site Information

Greg Smith
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.   Site ID

The site ID is required in the Site table. This site ID must be unique.

See the [documentation](#) on naming if you need help creating a site ID.

.   Site Name

The site name is required in the Site table. The site name must be unique. Hydstra does not enforce this rule.

The short name is required. The short name is used on various Hydstra reports, such as HyPlot.

Groundwater Sites

Groundwater site names generally include the screened interval.

In a multi-completion well, the first number in the series is given to the deepest well. The last number in the series is given to the shallowest well.

.   Site Location

The site location is required.

See the [documentation](#) on locating a site.

.   Active

In the site table, there is an active checkbox. If a site is active, the site will show up in various site lists Hydstra produces. The automated reporting program will also produce reports for Water Data Library for active sites. If a site is inactive, the site will not show

up in lists, nor will the automated reporting program produce reports for the site. You will still be able to edit data for the site in the Data Manager's Workbench.

.   Owner

A site should have an owner.

There is some clean-up to do. 121 sites do not have an owner.

.   Site Type

The site type is required in the Site table.

The site type is used identify the appropriate reports to produce for the site. For example, surface water sites use different reports than do groundwater and tide sites. The site type must be defined as SW (surface water), TD (tide), GW (groundwater), WQ (water quality) or Ppt (precipitation).

If you need to add a new site type, please contact Eric Senter or Greg Smith.

Surface water sites measure stage, may measure flow, and may some water quality parameters.

Tide sites measure stage in the Delta.

Groundwater sites measure depth to water, and may measure some water quality parameters.

Water quality sites measure water quality parameters.

Precipitation sites are used to store sub-daily CDEC precipitation data.

.   Region

The region is required in the Site table.

The region can be ND, CD, SJD, SY, HQ or CDEC. A site can only be assigned to a single region. Similarly, a person can be assigned to a single region. A person can only edit time-series data and site-related data for sites in the region the person is assigned to.

When the systems are consolidated, the proposed regions will be:

NRO-WQ
NRO-SW
NRO-GW

NCRO-WQ
NCRO-SW
NCRO–GW
NCRO-SS

SCRO-Data
SCRO-GW
SCRO-SS

All

CDEC

.   Organization

The organization is required in the Site table. This is the organization that owns and maintains the site. In general, this will be CWR.

.   County

The county is required in the Site table.

.   Comments

Comments should not have quotes of any kind in them. Quotes will mess up the automated reporting program.

.   Other Notes

If you delete a site, let Greg Smith know. The site will not automatically be deleted at Headquarters. The dance of the data does not accommodate deletions. The site will have to be deleted manually.

Also, site-related tables will have to be cleaned up when a site is deleted. Any discrete data will not necessarily be deleted just because the site was deleted.